

Attorney Docket No. IPHD.P023
Serial No. 10/705,739

Patent
Page 2 of 27

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A secure system for electronic voting, comprising:
 - a) an intelligent voting machine configured for communication, computation, command and control of information ~~in the nature of~~ including one or more of audio, video, images, photos, graphics, text, speech, voice, data and ~~other~~ information;
wherein said intelligent voting machine is hardware configured for operation in conjunction with one or more types of inputs ~~in the nature of~~ including one or more of a keyboard input, a touch screen input, a voice input, audible inputs, data inputs and ~~one or more types of other forms of inputs such as~~ biometric inputs; and
wherein said intelligent voting machine ~~is~~ includes hardware configured for operation in conjunction with one or more types of outputs ~~in the nature of~~ including one or more of a keyboard output, a touch screen output/display, text output, image output, photo output, graphics output, video output, a voice output, audible outputs, and data output ~~and one or more types of other forms of outputs~~;
further including wherein said intelligent voting machine includes internal processing, storage, database, authorized software and application capabilities ~~resident therein~~;
 - b) one or more trusted servers with associated storage devices including a local server with an associated storage device, a central server with an associated storage device, a network server with an associated storage device;
 - c) means for secure wired or wireless real time communication between the intelligent voting machine and the local server and other trusted servers/storage devices that are one or more of co-located and remotely located,
means for locating the intelligent voting machines in the polling booths, at the polling stations and at selected locations,
means for secure real time communication between one or more intelligent voting machines and the local trusted server,

Attorney Docket No. IPHD.P023
Serial No. 10/705,739

Patent
Page 3 of 27

means for secure real time communication between the trusted local server/storage devices and other trusted servers located remotely from the polling booths/ stations by secure communication links;

d) means for utilizing the processing power, databases, data, software and applications ~~resident within~~ of the intelligent voting machine in conjunction with the processing power, databases, data, software and applications ~~resident within~~ of the trusted local server itself or in combination with the processing power, databases, data, software and applications ~~resident within~~ of a remotely located trusted central server, a remotely located trusted network server and other local/remotely located trusted servers;

e) means for defining an authorized set of voter authentication protocols,
means for secure real time authentication of a voter in conjunction with the authentication data related to the voter maintained on an independent and trusted escrow server including authentication while assuring anonymity of the voter,

means for providing authenticated and consistent information related to ~~the~~ election issues, candidates and other matters from an approved source such as a trusted server in one or more selected formats including one or more of text, image, graphics, audio, video, and data ~~and other~~ formats;

f) means for informed selection and casting of the votes by the voter in conjunction with one or more of a user selected input method/ and a system defined input method and one or more of a user selected output method/ and a system defined output method ~~including a combination thereof,~~

means for recording the selection of the voter in real time within the intelligent voting machine, within a local server, within one or more trusted and escrow servers,

g) means for tracking, counting and tabulating ~~the~~ election results in real time within the ~~uniquely identifiable~~ intelligent voting machine itself, ~~within a uniquely identifiable~~ the local server, ~~within~~ and one or more ~~uniquely identifiable~~ trusted/escrow servers, including

Attorney Docket No. IPHD.P023
Serial No. 10/705,739

Patent
Page 4 of 27

means for counting/ and tabulating the election results without identifying a particular voting machine or polling station,

means for utilizing a plurality of intelligent voting machines,
sequentially/concurrently/in selected order for secure electronic voting at a selected time and within a selected time period by one or more voters,

means for safe guarding, certifying and providing the election results at a selected time and in a selected manner in conjunction with one or more trusted escrow servers.

2. (Currently Amended) An intelligent voting machine for secure electronic voting, comprising:

- a) a touch screen enabled input/output and display,
a built in processor,
an internal hard disk storage,
a removable memory storage,

an activation mechanism for activation of the voting machine by one or more of a card activation method, password method, ~~and by other methods including activation by one or more methods that relate to the biometrics of the~~ a specific voter,

a print capability enabled by built-in means or external means,
a secure wired or wireless communication capability with a secure path for communication between the intelligent voting machine, ~~the~~ a local server and the secure printer;

- b) means for the voter to initiate and terminate the print action,
means for the voter to obtain a secure print out of the a ballot as cast by the voter,
means for the secure print out being a true representation of the ballot as cast by the voter,
means for stamping of the print out by voter registration number or other methods wherein the specific voter is identified or the identity of the specific voter is masked, including means for time stamping and location stamping of ~~the a~~ polling station on the print out,

Attorney Docket No. IPHD.P023
Serial No. 10/705,739

Patent
Page 5 of 27

means for the secure printer to provide an alert to the voter to take the printout⁴ upon failure by the voter to take the print out;

c) means for ~~the~~ secure destruction of the print out related to ~~the a~~ previous first voter, in the event the print out is not taken by the first voter;

means for one or more of shielding⁴ and destruction of the print out of the first voter ~~from being seen or taken to prevent compromise of the print out by the second/next~~ a next subsequent voter;

d) means for a secure wired or wireless connection between the intelligent voting machine and one or more trusted/escrow servers including a local, central and network servers for authentication of the voter and approved election information;

means for leveraging the processing power, storage, databases, software and applications resident within one or more of the intelligent voting machine ~~by itself or in conjunction with~~ and the processing power, storage, databases, software and applications resident within one or more of the trusted servers;

means for secure selection/casting of the votes by the voter in conjunction with a secure paper record of said votes as cast by the voter;

means for real time recording of the votes within the intelligent voting machine and one or more of a trusted local server, a trusted central server, and a trusted network server or ~~combination thereof~~.

3. (Currently Amended) A secure system for mobile electronic voting, comprising:
a mobile device, including one or more of a cellular telephone, personal digital assistant PDA, a laptop computer and ~~other~~ mobile devices, the mobile device configured for communication, computation, command and control, wherein

said mobile device ~~being~~ is configured for one or more types of input/output methods ~~in the nature of including one or more of~~ voice, audio, speech, text, data, display, touch screen input/display, and keyboard ~~and other~~ methods;

one or more trusted servers with associated storage devices, including a trusted local server, a trusted central server and a trusted network server;

Attorney Docket No. IPHD.P023
Serial No. 10/705,739

Patent
Page 6 of 27

means for dynamically configuring the mobile device as a mobile voting machine in a standalone manner using ~~the software resident within~~ an application hosted on said mobile device or in conjunction with the software available from/resident on an authorized trusted server,

means for secure wired or wireless communication between the mobile voting ~~machine device~~ and the trusted servers/storage;

means for dynamic reconfiguration of the mobile device in a stand alone manner or in conjunction with the trusted servers to the original non mobile voting machine configuration upon conclusion of the mobile electronic voting;

means for ~~enabling controlling the mobile device as a mobile voting machine features and functionality by leveraging the processing power under processors of one or more of the mobile device by itself and or in conjunction with the processing power and databases one or more of the trusted local, central and or network servers;~~

means for a unique electronic key to be assigned by the trusted election server to the mobile device of an eligible voter;

means for activating the electronic key at a precise local date and time of an election precinct at a start of an absentee voting period and means for deactivating the electronic voting key at the precise date and local time of the election precinct at a conclusion of the absentee voting period;

means for activating the electronic key at a precise local date and time of an election precinct when polls open for voting and means for deactivating the electronic voting key at the precise date and local time of the election precinct when the polls close; and

means for enabling/disabling the mobile electronic voting privileges to ensure that a specifically authorized voter casts votes in accordance with election laws of the selected region using an authorized mobile device.

4. (Currently Amended) An apparatus for mobile electronic voting, comprising:
a mobile voting machine ~~specifically designed for the purpose of enabling configured for mobile electronic voting, or the mobile voting machine including one or more of a mobile device, such as a cellular telephone, PDA, laptop computer enabled for configuration or~~

Attorney Docket No. IPHD.P023
Serial No. 10/705,739

Patent
Page 7 of 27

configured for performing the functions of mobile electronic voting, the mobile voting machine including,

a processor hosting at least one application;

one or more input/output methods that include one or more of a touch screen, a display, a keyboard, a speaker and a microphone and other methods,

processing/storage and software capability resident within the mobile voting machine/mobile device;

means for communication of voice and data by wired or wireless methods,

means for the mobile device to emulate the functions/features of the mobile voting machine by internal reconfiguration and/or,

means for reconfiguration of the mobile device as a mobile voting machine in conjunction with the trusted local, central and/or network a remote server,

means for defining an authorized set of voter authentication protocols,

means for secure real time authentication of a voter in conjunction with the voter authentication protocols, wherein the voter authentication protocols are maintained on the remote server,

means for providing at the mobile voting machine authenticated and consistent information related to election issues and candidates in one or more selected formats including one or more of text, audio, video, and data formats,

means for receiving via the mobile voting machine a vote cast by the voter,

means for recording the vote in real time at one or more of the mobile voting machine and the remote server.

5. (Currently Amended) A secure system for mobile electronic voting of claim 3, comprising:

a) means for uniquely identifying the mobile device by one or more methods such as by of IPv6 identification number, EIN number, and telephone number and other methods for the purpose of authenticating the mobile device for a selected mobile electronic voting activity;

b) means for the utilization of using one or more legally approved voter profiles for authentication purposes, wherein the specific individual exercising the mobile electronic

Attorney Docket No. IPHD.P023
Serial No. 10/705,739

Patent
Page 8 of 27

voting privileges is authenticated in accordance with the laws related to said mobile electronic voting in a selected voting region,

means for authentication of the specific voter by comparison of the data related to that specific voter maintained in the databases/lookup tables ~~resident of~~ one or more trusted/escrow servers, including means for comparison in conjunction with the data bases/lookup tables resident on the mobile device/~~mobile voting machine itself~~;

c) means for online registration with a trusted election server of the mobile device/~~mobile voting machine~~ by device identification method ~~and or~~,

means for online registration of a specific individual as a voter within the a voting region with a specific and unique voter profile,

means for the voter profile to indicate party affiliation and or independent status,

means for the eligibility of the voter to be determined by the a registrar of voters or other authorized bodies;

d) ~~means for a unique electronic key to be assigned by the trusted election server to the mobile voting machine and or the eligible voter,~~

~~means for the electronic key to be valid for a designated time period and for a designated election;~~

~~means for the electronic key to be activated at the precise local date and time of the precinct/election zone at the start of the absentee voting period or the approved beginning of an election;~~

~~means for the electronic voting key to be deactivated at the precise date and local time of the precinct/election zone at the conclusion of the absentee voting period or the approved ending of an election;~~

~~means for the activation of the electronic voting key at the precise time and date of the precinct/election zone when the polls officially open;~~

~~means for the expiration of the electronic key at the precise date and local time of the precinct/election zone when the polls close;~~

Attorney Docket No. IPHD.P023
Serial No. 10/705,739

Patent
Page 9 of 27

e) ~~means for enabling/disabling the mobile electronic voting privileges to ensure that a specifically authorized voter casts votes in accordance with the election laws of the selected region using an authorized mobile device and/or an authorized set of authentication parameters including biometric parameters beginning at a designated time, ending at a designated time and lasting for a designated time duration.~~

6. (Currently Amended) A secure system for mobile electronic voting of claim 53, comprising:

means for location determination of the mobile device/~~mobile voting machine~~ by a trusted GPS server means,

means of wired or wireless communication with the GPS server and one or more trusted servers,

means for the precise determination of the physical location of the voter/ and the mobile device/~~mobile voting machine~~,

means for determination of the eligibility of a voter based on presumed/actual location of the voter in conjunction with the designated/approved mobile device/~~mobile voting machine~~;

means for enabling/disabling the mobile electronic voting privileges of a ~~mobile voting machine~~/mobile device and a voter;

including means for enabling/disabling of the mobile device/~~mobile voting machine~~ based on presumed/actual physical location and the relationship of the presumed/actual physical location to the designated voting precinct location in the event laws mandate a physical presence with a precinct/region.

7. (Currently Amended) A secure system for mobile electronic voting of claim 53, comprising:

means for ~~the~~ time determination of the mobile device/~~mobile voting machine~~ by a trusted time keeping server means,

means of wired or wireless communication with the trusted time keeping server and other trusted servers;

Attorney Docket No. IPHD.P023
Serial No. 10/705,739

Patent
Page 10 of 27

means for the precise determination of the physical location and time of one or more of the voter/ and mobile device/~~mobile voting machine~~,

means for determination of the eligibility of the voter in conjunction with the designated/approved mobile device/~~mobile voting machine~~ based on presumed/actual location and time,

means for enabling/disabling the mobile electronic key and the voting privileges by time based factors; including means for enabling/disabling of the mobile device/~~mobile voting machine~~ based on the time at presumed/actual physical location and the relationship of the time at presumed/actual physical location to the time at the designated voting precinct location.

8. (Currently Amended) A secure system for mobile electronic voting of claim 53, comprising:

means for precinct level time stamping the mobile electronic voting wherein the mobile electronic voting actions/activity related to a voter and a corresponding mobile device is recorded within one or more trusted servers and the mobile device,

means for time stamping based on the time relative to the presumed/actual physical location of one or more of the voter/ and mobile device/~~mobile voting machine~~ where said time determination and location determination are enabled by a trusted time keeping server and a trusted location determining GPS server respectively,

means for time stamping either or both of the times where the mobile device is located and the time at the central precinct level.

9. (Currently Amended) A secure system for mobile electronic voting of claim 53, comprising:

means for precinct level location stamping of the mobile electronic voting actions/activities of a voter by the a trusted server,

means for location stamping based on physical location ~~time where~~ of one or more of the voter/ and mobile device/~~mobile voting machine~~ ~~is located~~, by a trusted server,

means for voter identity stamping by a trusted server,

Attorney Docket No. IPHD.P023
Serial No. 10/705,739

Patent
Page 11 of 27

means for ensuring that duplication of voting by the same individual and other unauthorized actions are precluded and a complete record tracking the detailed actions/activities of a voter and the associated mobile device is maintained on one or more trusted servers, including.

10. (Currently Amended) A secure system for mobile electronic voting of claim 53, comprising:

means for precinct level location stamping of the mobile electronic voting by the a trusted server,

means for location stamping based on physical location ~~time~~ of the voter/ and mobile device/~~mobile voting machine~~ by a trusted server,

means for voter identity stamping by a trusted server,

means for acquiring the ballot data displayed on the touch screen of the mobile device/~~mobile voting machine~~ frame by frame or all of the frames for print out and storage purposes;

means for ~~the~~ real time provision of an electronic validated receipt by the trusted election server to the ~~mobile voting machine~~/mobile device and or to another stationary device,

means for enabling a print out and or storage of the actual ballot cast by the voter in conjunction with the trusted official election server and the processing/storage capabilities of the mobile device/~~mobile voting machine~~ for printing concurrently, for printing in conjunction with a local or remote printer and for storage and printing at a selected time,

means for ensuring that the voter has a complete validated and certified record tracking the detailed actions/~~activities~~ of said voter and the associated mobile device ~~available within~~ hosted at the mobile device ~~itself~~ or available from on one or more trusted servers concurrently or at a selected time wherein said records are enabled in print form, in an electronic record form or one or more forms for use at a selected time.

11. (Currently Amended) A secure system for mobile electronic voting of claim 53, comprising:

Attorney Docket No. IPHD.P023
Serial No. 10/705,739

Patent
Page 12 of 27

means for high speed wired or wireless communication between the mobile ~~voting machine~~ device and one or more of the trusted servers, including

one or more public/dedicated wired or wireless communication paths,

means for the ~~mobile-voting-machine~~/mobile device to communicate for the purpose of mobile electronic voting, using a selected/assigned encryption/decryption protocol in conjunction with a trusted server,

means for the trusted server to randomly enable one or more encryption/decryption algorithms/protocols specific to a selected ~~mobile-voting-machine~~/mobile device to limit discovery and intrusion, including means for said encryption/decryption protocols/algorithms to be variable in time for limiting discovery/intrusion, and means for encrypted and secure communication of voting actions and voting data on one or more public/dedicated wired and wireless communication channels of a ~~mobile-voting-machine~~/ the mobile device.

12. (Currently Amended) A secure and comprehensive stationary and mobile electronic voting system, comprising:

a) a separate and distinct sub system ~~consisting of~~ comprising intelligent voting machines located at ~~the~~ polling stations,

means for high speed wired or wireless communication between the intelligent voting machine and one or more trusted local, central and network servers,

means for using ~~the~~ processing power/databases/software of the intelligent voting machine by itself or in conjunction with the processing power/databases/software of the trusted local, central and or network servers;

b) a separate and distinct sub system ~~consisting of~~ comprising at least one mobile device/ configured as mobile voting machines for voting from any location,

means for high speed wired or wireless communication between the mobile device/~~mobile-voting-machine~~ and one or more trusted local, central and ~~or~~ network servers,

means for using the processing power/databases/software of the mobile device/~~mobile voting-machine~~ by itself or in conjunction with the processing power/databases/software of the trusted local, central and or network servers;

Attorney Docket No. IPHD.P023
Serial No. 10/705,739

Patent
Page 13 of 27

c) means for ~~the~~ an authorized election body to use/deploy the two separate and distinct sub systems, namely the intelligent voting machines system and or the mobile ~~voting-machine device~~ system in a standalone manner or in combination enabling the voters ~~the~~ a choice to vote at a polling station using an intelligent voting machine or from any location using their ~~mobile-voting-machine/mobile device~~,

d) means for maintaining ~~the~~ confidentiality of ~~the~~ a ballot cast by a specific voter using one or more methods, including

dynamically decoupling voter ID, biometrics and other voter information and its relationship to the ballot cast by that specific voter upon initiation of ~~the~~ a selections process and cast ballot function, ~~or~~

maintaining the voter ID and voter related information on a separate trusted escrow server, wherein said trusted escrow server provides independently validated voting credentials/certificate in real time to the mobile device/~~mobile-voting-machine/ intelligent voting-machine~~, and

~~provides~~ providing a corresponding validated voting credentials/voting certificate in real time, stripped of ~~the~~ an actual identity of the voter in said information,

~~maintain the~~ maintaining secrecy of the ballot as cast by a specific voter,

means for ~~the~~ delivery of uniform, timely, secure, secret, anonymous and convenient voting services to the voters in accordance with ~~the~~ local, state and federal laws governing each ~~elections~~ election.

13. (Currently Amended) A secure electronic voting system of claim 12, comprising means for eliminating ~~the~~ disparities relative to information and time between ~~the~~ an absentee ballot voter and ~~the~~ a voter casting a ballot on the election day at a polling station, ~~means for leveling the playing field among the absentee ballot voters, the voters that use the polling stations and the mobile device/mobile-voting-machine-enabled voters wherein the absentee ballot voter is provided with a deadline for casting the vote that is equivalent to the deadline provided to the voter casting the ballot at the polling station.~~

14. (Currently Amended) A secure system for electronic voting of claim 12, comprising:

Attorney Docket No. IPHD.P023
Serial No. 10/705,739

Patent
Page 14 of 27

means for authentication of the voter in conjunction with ~~the a~~ specific type of machine being used such as the intelligent voting machine or the mobile device/~~mobile voting machine~~,

means for executing one or more authentication tasks in a stand alone manner by utilizing the processing power/databases/software resident within the intelligent voting machine/~~mobile voting machine itself~~ device or in conjunction with the processing power/databases/software of one or more of the trusted local, central and or network servers;

means for using one or more levels of authentication of the voter as appropriate for the intelligent voting machine or the mobile device/~~mobile voting machine~~,

means for authentication by photographic method, drivers license, passport, birth certificate, social security number, identity card number, video, audio, voice print, finger print, digital signature, hand writing recognition, signature recognition, voting machine ID number and other methods;

means for using one or more identification methods for determining voter and or voting machine identity singly and or in selected combination as appropriate for each sub system, in conformance with ~~the~~ election laws.

15. (Currently Amended) A secure system for electronic voting of claim 12, comprising:

means for enabling real time access to approved and trusted information one or more ~~of~~ before and ~~or~~ during the activity of casting the ballot by means of the intelligent voting machine or the mobile device/~~mobile voting machine~~,

means for providing the authorized real time information to the voting machine by secure wired or wireless communication with a trusted local, central, network server, escrow server, time keeping server, GPS server;

means for the appropriate information to be displayed or presented on ~~the a~~ desired device using ~~the a~~ desired interface at ~~the a~~ desired time in one or more windows within a display,

means for the voter to view the information in one or more windows for comparison and decision analysis on candidates and ~~the~~ issues,

means for the information to include candidate profiles, photos, video, audio, and positions on the issues and other information,

Attorney Docket No. IPHD.P023
Serial No. 10/705,739

Patent
Page 15 of 27

means for the selection of the desired input/output and display method on the intelligent voting machine or the mobile device/~~mobile voting machine~~,

means for the information request/delivery, the ballot selections, actuations, and casting of the ballot by full function keyboard, partial function keyboard, special function keyboard, macro functions, touch screen, voice, audio, sound, text, image, photo, symbol driven, object driven, icon driven, braille and other methods;

means for configuring the intelligent voting machine or the mobile device/~~mobile voting machine~~-interface, input, output and display functions in a standalone manner by using one or more of the processing power/databases of the intelligent voting machine and the mobile device by itself and ~~or in conjunction with the~~ trusted local, central and or network servers,

means for informed real time decision, selection and casting of the ballot by the voter at the time and using the voting machine.

16. (Currently Amended) A secure system for electronic voting of claim 15, comprising:

means for a disabled voter to select the desired input/output/display and interface that is of assistance to overcome ~~the~~ a disability,

means for the disabled voter to be adequately informed using one or more selected input/output interfaces,

means for the disabled voter to cast the ballot in the a desired manner and at the desired time within the approved election period or at the polling station,

means for the disabled voter to receive a receipt about the ballot as cast by the disabled voter said receipt being in the manner that is most useful to the disabled voter.

17. (Currently Amended) A secure system for electronic voting of claim 15, comprising:

means for real time text to speech and speech to text conversion,

means for voice input and output in one or more languages,

means for language translation of text and speech from a first language to one or more second languages;

means for the appropriate text to speech, speech to text and language translations/conversions by using the processing power/databases/software of one or more of

Attorney Docket No. IPHD.P023
Serial No. 10/705,739

Patent
Page 16 of 27

the intelligent voting machine or the mobile ~~voting machine by itself~~ device or ~~in conjunction with the processing power/databases resident on the~~ trusted local, central and or network servers.

means for ballot selection and casting of the ballot in one or more languages.

18. (Currently Amended) A secure system for electronic voting of claim 15, comprising:
means for a trusted second individual to assist ~~the~~ a first individual who is an eligible voter,

means for validating the eligibility of the first individual and provisionally enabling the first individual,

means for the acquisition of the an identity and signature of the a second individual in a touch screen window or by other input and authentication means in conjunction with one or more of the selected voting machine and ~~or the~~ trusted local, central and or network server,

means for the authentication and approval of the second individual to act in a fiduciary capacity with specific power of attorney privileges for the first individual voter,

means for the second individual to determine the ballot choices of the first individual by the appropriate methods,

means for the second individual to cast the ballot as a proxy for the first individual;
~~and or~~

means for a third individual and or additional witnesses to be authenticated and approved by trusted servers to act as a witness or witnesses,

means for witnessing and authenticating by one or more witnesses to ensure that the second individual is performing the actions intended by the first individual voter.

19. (Currently Amended) A secure system for electronic voting of claim 18, comprising:
means for the second individual to remotely perform ~~the~~ actions desired by the first individual using a stationary or mobile device,

means for the first individual to remotely monitor and review by appropriate and desired interface, input and output method, the actions of the second individual;

Attorney Docket No. IPHD.P023
Serial No. 10/705,739

Patent
Page 17 of 27

means for the first individual and the third individual acting as a witness, to remotely monitor and review by appropriate choice of the desired interface, input and output means the real time actions of the second individual;

means for wired or wireless connectivity and collaboration between the first individual, second individual, third individual and other individuals, the stationary devices in use, the intelligent voting machines in use, the mobile device/mobile voting machine in use and the trusted servers,

means for a disabled voter to cast a vote using one or more of remote, contemporaneous, ~~at a designated time, and or~~ delayed collaboration ~~by leveraging the processing power of among one or more of~~ the communication devices, voting machines and the servers ~~acting alone and or in conjunction for a disabled voter to cast a vote.~~

20. (Currently Amended) A secure system for electronic voting of claim 12, comprising:
means for tracking the actions of the specific voter and the voting machines used by the voter in real time,

means for detecting the actions of multiple voting by the same individual on behalf of the voter and or on behalf of other voters,

means for locking out a particular voter or the particular intelligent voting machine or the mobile device/~~mobile voting machine~~ from accessing the trusted election servers,

means for fraud detection, determining fraud trends, isolating fraud prone machines, fraud prone precincts and providing alerts in real time for action by law enforcement authorities,

means for providing a trail of the fraudulent activity for review and correction of any voting discrepancies by authorized election body and judicial officials.

21. (Currently Amended) A secure system for electronic voting of claim 12, comprising:
means for providing one or more layers of security for conducting elections in a fair and transparent manner,

means for locking in the selected functionality and locking out the selected functionality of the trusted election servers by a function-lock and time-lock feature,

Attorney Docket No. IPHD.P023
Serial No. 10/705,739

Patent
Page 18 of 27

means for automatically initiating the function-lock and time-lock features at the desired time on one or more of the selected secure and trusted servers and terminating the function-lock or time-lock automatically after a set time period duration or at a set time,

means for limiting the access, alteration of the functions and other features during the function-lock and time-lock sequence,

means for override of the function-lock and the time-lock features by authorized override procedure obtained by judicial orders or other official directives,

means for the prevention of premature release of the polling data and the coordinated release of certified results at the desired locations, at the desired time and in the desired sequence.

22. (Currently Amended) A secure system for electronic voting of claim 12, comprising:
means for validating and certifying the election results by an escrow server and by ~~the~~
a designated chief election official such as the secretary of state including non-partisan bodies,
means for providing accurate, timely and final certified results to the public soon after
the polls close by leveraging ~~the~~ computational capabilities of one or more trusted servers
acting in a standalone manner and or in conjunction with each other.

23. (Currently Amended) A secure system for electronic voting of claim 12, comprising:
means for configuring a hierarchy of trusted election servers with one or more servers
connected by a secure communication path and one or more servers connected by a plurality
of secure communication paths;

means for locating the trusted election servers in one or more geographically separated
locations,

means for the trusted servers to be under the supervision of election authorities, bi-
partisan commissions, and neutral bodies ~~and other un-impeachable organizations,~~

means for achieving redundancy in real time storage of the election data at ~~each level~~
such as one or more of the intelligent voting machines, the mobile voting machines, and the
precinct level servers by enabling dynamic sweep of the data from each voting machine and
the servers for remote and secure storage,

Attorney Docket No. IPHD.P023
Serial No. 10/705,739

Patent
Page 19 of 27

means for defining the sweep nodes, the sweep periodicity from each node, and the sweep duration for the dynamic sweep,

means for randomly transferring the data on randomly selected redundant communication lines to limit intrusion and achieve a high level of data integrity and security.

24. (Currently Amended) A secure system for electronic voting of claim 12, comprising:

means for dynamically configuring the features of the intelligent voting machine for new functions and new elections by software communication and download/upload of the functional instructions and content from a trusted local server, central server, and a network server,

means for dynamically configuring the features of the mobile voting machine for new functions and new elections by software communication and download/upload of the functional instructions and content from a trusted local server, central server, and a network server,

means for dynamically configuring the mobile communication device/~~mobile voting machine to be dynamically configured~~ with the approved functional instructions at the a designated time and for the designated elections using the processing power of one or more of the mobile device ~~by itself or in conjunction with~~ and one or more of a local, central and or network server.

25. (Currently Amended) A secure system for electronic voting of claim 12, comprising:

means for the a mobile electorate ~~such as~~ including one or more of disabled individuals, students, business travelers, and military personnel ~~and others~~ to participate in elections with ease,

means for enabling a single mobile device for one or more functions including communication, computation, control, command and ~~for~~ electronic voting functions.

26. (Currently Amended) A secure system for electronic voting of claim 12, comprising:

means for electronic voting in corporate governance matters and share holder matters,
means for conducting the voting in conjunction with trusted servers/escrow servers maintained by third parties,

Attorney Docket No. IPHD.P023
Serial No. 10/705,739

Patent
Page 20 of 27

means for using stationary and mobile devices ~~such as~~ including one or more of personal computers, laptop computers, cellular telephones, ~~PDA and other mobile devices and PDAs~~ for electronic voting.

27. (Currently Amended) A secure system for electronic voting of claim 12, comprising:
means for using the mobile device for auction and other transactions,
means for preventing fraud during the auction ~~to be conducted without fraud and in a fair and equitable manner~~ in conjunction with a trusted third party server,
means for authentication of the parties to the auction by a trusted third party server,
means for execution and compliance to the terms by the parties to the transaction by an escrow server means.

28. (Currently Amended) A secure system for electronic voting of claim 12, comprising:
means for using the mobile device for opinion surveys,
means for preventing fraud during conduct of the opinion survey ~~to be conducted without fraud and in a fair and equitable manner~~ in conjunction with a trusted third party server,
means for authentication of the parties to the an opinion survey by a trusted third party server,
means for computation and analysis of the results by an escrow server means.

29. (New) A method comprising:
establishing a secure communication link between a mobile device and a remote server;
dynamically configuring the mobile device as a voting terminal;
authenticating in real-time a voter, the authentication using an authentication protocol of the remote server and information of a voter received via the mobile device;
presenting current issue information to the voter using the mobile device, the current issue information including one or more of audio, video, and text information of a plurality of issues for which the voter can cast votes;
assigning an electronic key to the mobile device of the voter;

Attorney Docket No. IPHD.P023
Serial No. 10/705,739

Patent
Page 21 of 27

activating the electronic key at a date and during a time period of an election, wherein the date and the time period are controlled by a location of one or more of an entity and a jurisdiction hosting the vote;

controlling voting privileges of the voter at the mobile device during voting according to rules of one or more of the entity and the jurisdiction;

receiving via the mobile device at least one vote cast by the voter under the voting privileges;

recording the at least one vote in real-time at one or more of the mobile device and the remote server.

30. (New) The method of claim 29, wherein the mobile device includes one or more of a cellular telephone, wireless communication device, Internet Protocol (IP) telephone, WiFi telephone, personal digital assistant (PDA), and personal computer.

31. (New) The method of claim 29, wherein the configuring includes configuring an input device of the mobile device to receive the at least one vote.

32. (New) The method of claim 31, wherein the input device includes one or more of a keyboard, a touch screen, a microphone, a receiver, an input configured to receive biometric data.

33. (New) The method of claim 29, comprising one or more of tracking, counting, and tabulating votes in real time at one or more of the mobile device and the remote server.

34. (New) The method of claim 33, comprising automatically counting and tabulating votes from a plurality of mobile devices without identifying the mobile devices used to cast the votes.

35. (New) The method of claim 33, comprising presenting tabulated vote counts.

Attorney Docket No. IPHD.P023
Serial No. 10/705,739

Patent
Page 22 of 27

36. (New) The method of claim 29, comprising printing at the mobile device one or more of the current issue information and the at least one vote cast.

37. (New) The method of claim 29, wherein the authenticating includes identifying the mobile device using one or more of an IPv6 identification number, electronic identification number, and telephone number.

38. (New) The method of claim 29, wherein the authenticating of the voter includes authentication using one or more of photographic, drivers license, passport, birth certificate, social security, identity card, video, audio, voice print, finger print, digital signature, hand writing, and signature data.

39. (New) The method of claim 29, comprising registering the mobile device as the voting terminal with the remote server.

40. (New) The method of claim 29, comprising registering an individual as the voter with the remote server.

41. (New) The method of claim 29, comprising generating a voter profile of a voter using one or more of the mobile device and the remote server.

42. (New) The method of claim 29, comprising automatically and in real-time determining eligibility of the voter.

43. (New) The method of claim 29, comprising determining a location of the mobile device.

44. (New) The method of claim 29, comprising converting the current issue information, wherein the converting includes one or more of text to speech conversion, speech to text conversion, image to text conversion, text to image conversion, converting from a first spoken

Attorney Docket No. IPHD.P023
Serial No. 10/705,739

Patent
Page 23 of 27

language to a second spoken language, and converting from a first written language to a second written language.

45. (New) The method of claim 29, comprising converting the at least one vote, wherein the converting includes one or more of text to speech conversion, speech to text conversion, image to text conversion, text to image conversion, converting from a first spoken language to a second spoken language, and converting from a first written language to a second written language.

46. (New) The method of claim 29, comprising decoupling identification information of the voter from the vote.

47. (New) The method of claim 29, comprising receiving identification information of a witness to the vote.